

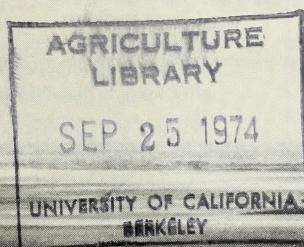


Division of Agricultural Sciences  
UNIVERSITY OF CALIFORNIA

*Gave to Tom, after  
lecturing*

# A STATISTICAL PICTURE OF CALIFORNIA'S AGRICULTURE

PHILIP S. PARSONS • C. O. McCORKLE, JR.



CALIFORNIA AGRICULTURAL  
Experiment Station  
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## A GUIDE TO THE TABLES

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# A STATISTICAL PICTURE OF CALIFORNIA'S AGRICULTURE

*This circular*

- presents a statistical picture of the size, importance, and diversity of California's agriculture
- compares various segments of agriculture and production centers in the state
- compares various dimensions of the state's farming with those of eleven western states as a group (including California, but excluding Alaska and Hawaii) and those of the United States.

*Basis for comparison includes* such resources as land, characteristics of farms and farm population, value and size of production, and utilization. Regions and counties in California are compared as to types of farming, resources, and most important products.

*The time periods covered in this circular extend over the 5-year period 1965-69 and the two most recent years for which complete statistics are available, 1970 and 1971.*

*Major sources* for the figures are official federal or state agencies, including those listed on pages 62 and 63.

*The term "Not Reported"* in some tables means that figures were not collected because they were relatively unimportant, or that they were not released because producers are so few that a report would have revealed an individual producer's operations.

*The data presented here* illustrate recent significant changes in human and material resources devoted to agriculture.

## BACKGROUND STATISTICS

The tables on pages 4 to 15 provide background for comparing agricultural production as to types and uses of land, extent of irrigation, number and sizes of farms, value of farms, tenure of operators, farm population, farm income, major equipment items on farms. All these factors help determine the scope and characteristics of agriculture in California. The section concludes with a comparison of major farm areas in the state.

# 1.

## How the land is used

Shown is land use in the United States and the eleven western states; and comparison, in percentages, of total land areas and special-use areas. Also included is the number of farms. Land used for agriculture decreased slightly in the United States and in the west in the 5-year period, while the number of farms continued to decrease markedly.\*

Area	Total land area	Cropland†		Woodland including woodland pasture		All other land‡		Forest land, special use areas, miscellaneous land		Number of farms
		Amount of area	Per cent of total land area	Amount of area	Per cent of total land area	Amount of area	Per cent of total land area	Amount of area	Per cent of total land area	
United States	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	3,157,857
1964 . . . . .	2,267,993	434,236	19.1	145,977	6.4	529,944	23.4	1,157,836	51.1	
1969 . . . . .	2,263,591	459,048	20.3	112,013	4.9	492,286	21.8	1,200,244	53.0	2,730,250
Eleven Western States										
Montana										
1964 . . . . .	93,272	15,388	16.5	2,125	2.3	48,319	51.8	27,440	29.4	27,020
1969 . . . . .	93,158	16,109	17.3	1,752	1.9	45,058	48.4	30,239	32.4	24,953
Idaho										
1964 . . . . .	52,933	5,878	11.1	1,393	2.6	8,031	15.2	37,631	71.1	29,661
1969 . . . . .	52,913	6,172	11.7	972	1.8	7,272	13.7	38,497	72.8	25,475
Wyoming										
1964 . . . . .	62,256	2,766	4.4	829	1.4	33,457	53.7	25,204	40.5	9,038
1969 . . . . .	62,212	2,788	4.5	504	.8	32,184	51.7	26,736	43.0	8,838
Colorado										
1964 . . . . .	66,486	10,740	16.1	1,575	2.4	2,593	39.0	28,228	42.5	29,798
1969 . . . . .	66,214	10,740	16.1	1,575	2.4	2,593	39.0	26,214	35.2	27,620

New Mexico	1964	2,271	2.9	3,456	4.4	41,919	53.9	30,120	38.7	14,206
	1969	2,282	2.9	2,942	3.8	41,569	53.5	30,910	39.8	11,641
Arizona	1964	1,590	2.2	5,313	7.3	33,657	46.3	32,120	44.2	6,477
	1969	1,631	2.2	5,070	6.9	31,502	43.4	34,384	47.4	5,890
Utah	1964	2,070	3.9	825	1.6	9,973	18.9	39,855	75.6	15,759
	1969	1,945	3.7	230	.4	9,138	17.4	41,228	78.5	13,045
Nevada	1964	72,680	774	1.1	51	7	9,658	13.7	59,781	85.1
	1969	72,587	749	1.1	34	.4	9,926	14.1	59,619	84.8
Washington	1964	52,723	2,070	1,945	3.7	230	.4	41,228	78.5	13,045
	1969	52,541	1,945	1,945	3.7	230	.4	41,228	78.5	13,045
Oregon	1964	42,694	8,061	18.9	3,750	8.8	7,241	16.9	23,642	55.4
	1969	42,605	8,230	19.3	3,108	7.3	6,221	14.6	25,046	58.8
California	1964	61,572	5,282	8.6	3,194	5.2	12,034	19.5	41,062	66.7
	1969	61,557	5,198	8.4	2,030	3.3	10,790	17.5	43,539	70.7
TOTAL	1964	100,205	11,815	11.8	3,403	3.5	21,792	21.8	63,015	62.9
	1969	100,069	11,245	11.2	2,038	2.0	22,439	22.4	64,347	64.4
PERCENTAGE	1964	752,851	66,635	8.9	25,914	3.4	252,024	33.5	408,098	54.2
	1969	752,084	67,122	8.9	20,159	2.7	240,544	32.0	424,259	56.4
11 W.S. of U.S.	1964	33.2	15.3	...	17.8	...	47.6	...	35.2	9.5
	1969	33.2	14.6	...	17.9	...	48.9	...	35.3	9.6
Calif. of U.S.	1964	4.4	2.7	...	2.3	...	4.1	...	5.4	2.6
	1969	4.4	2.4	...	1.8	...	4.6	...	5.4	2.9
Calif. of 11 W.S.	1964	13.3	17.7	...	13.1	...	8.6	...	15.4	26.9
	1969	13.3	16.8	...	10.1	...	9.3	...	15.2	29.9

\*See page 90 for sources of data for all tables.

†Also includes harvested cropland, cropland used only for pastures, and other cropland

‡House and barns, lots, ponds, roads, wasteland

## 2. How much land is irrigated?

Acreage under irrigation increased substantially from 1944 to 1964—nationally, in the west, and in California (the drop in acres irrigated from 1964 to 1969 is questioned by Extension irrigation specialists). Irrigated agriculture in California is depicted in table 11.

Year	CALIFORNIA	ELEVEN WESTERN STATES	UNITED STATES
	Acreage irrigated	Acreage irrigated	Acreage irrigated
1929	4,747	17,464	19,948
1939	4,277	15,714	17,983
1944	4,953	17,305	20,539
1949	6,438	19,977	25,788
1954	7,048	20,525	29,552
1959	7,396	21,882	33,018
1964	7,599	23,167	36,912
1969	7,240	22,782	39,122

### 3. Farm acreage, number, size

Number of farms decreased in California, the West, and the United States  
since 1935, but size has more than doubled.

Year	CALIFORNIA			ELEVEN WESTERN STATES			UNITED STATES		
	Number of farms	Land in farms	Acres per farm	Number of farms	Land in farms	Acres per farm	Number of farms	Land in farms	Acres per farm
1930 . . . . .	135,676	30,442,581	224.4	503,047	217,975,170	433.0	6,288,648	986,771,016	157.3
1935 . . . . .	150,360	30,437,995	202.4	570,959	236,356,385	414.0	6,812,350	1,054,515,111	154.8
1940 . . . . .	132,658	30,524,324	230.1	509,670	255,595,636	501.5	6,069,799	1,060,852,374	174.5
1945 . . . . .	138,917	35,054,379	252.3	494,456	316,105,444	639.3	5,859,169	1,141,615,364	194.8
1950 . . . . .	137,168	36,613,291	266.9	461,673	324,522,775	702.9	5,382,162	1,158,565,852	215.5
1954 . . . . .	123,075	37,794,780	307.1	422,717	33,425,544	798.2	4,782,416	1,158,191,511	242.2
1959 . . . . .	99,274	36,887,948	371.6	342,504	341,270,035	996.4	3,707,973	1,123,378,000	302.8
1964 . . . . .	80,852	37,010,925	457.8	300,298	344,575,608	1,147.4	3,157,857	1,110,184,615	351.6
1969 . . . . .	77,875	35,722,000	458.7	260,875	327,823,000	1,256.6	2,730,250	1,063,346,489	389.5

## 4. Farm values increased

Value of farms increased markedly throughout the United States since 1940.  
 Value per acre increased six times in all areas. Competition from non-agricultural uses as well as general inflation has influenced the magnitude and geographic differences in these increases.

Year	CALIFORNIA			ELEVEN WESTERN STATES			UNITED STATES		
	Total value of farms*	Average value per farm	Average value per acre	Total value of farms	Average value per farm	Average value per acre	Total value of farms	Average value per farm	Average value per acre
1935 . . . . .	2,325,467,760	15,466	76.40	5,097,317,474	8,928	21.57	32,858,844,012	4,823	31.16
1940 . . . . .	2,166,437,798	16,331	70.97	5,016,479,678	9,843	19.63	33,641,738,726	5,518	31.71
1945 . . . . .	3,484,594,028	25,084	99.40	7,838,677,475	15,853	24.80	46,388,925,560	7,917	40.63
1950 . . . . .	5,650,224,256	41,192	154.32	13,849,968,000	30,000	42.68	75,260,606,000	13,983	64.96
1954 . . . . .	8,568,481,500	69,620	226.71	20,008,500,000	47,334	59.30	97,582,918,000	20,405	84.25
1959 . . . . .	13,025,940,088	131,212	353.12	28,215,022,000	82,379	82.68	128,987,659,000	34,825	115.15
1964 . . . . .	17,354,881,800	214,650	468.40	36,281,656,000	120,822	105.26	159,432,430,000	50,572	143.92
1969 . . . . .	16,955,700,000	217,730	474.65	41,036,900,000	175,907	134.27	206,750,600,000	75,725	194.43

\*Computed as product of average value per farm and total number of farms.

## 5. • • • and farm sizes changed

In the past 5 years the proportion of farms under 10 acres has increased slightly in all areas.

Size of farm	CALIFORNIA										ELEVEN WESTERN STATES										UNITED STATES							
	1940	1945	1950	1954	1959	1964	1969	1940	1945	1950	1954	1959	1964	1969	1940	1945	1950	1954	1959	1964	1969	1940	1945	1950	1954	1959	1964	
															per cent													
Under 10 acres . . . . .	23.8	26.9	27.3	27.7	24.3	19.7	20.2	16.0	19.3	17.7	18.8	13.5	11.1	12.0	8.3	10.1	9.0	10.1	12.0	5.7	5.9							
10 to 49 . . . . .	41.0	38.5	37.8	36.1	34.8	36.5	37.2	29.7	28.7	28.5	26.6	25.9	26.6	24.6	29.2	28.2	27.4	25.4	20.6	20.2	17.4							
50 to 99 . . . . .	11.5	11.2	11.1	11.1	11.7	12.1	12.1	12.2	12.6	12.3	12.7	12.2	12.4	11.9	11.4	21.2	19.8	19.5	18.1	16.7	17.2	16.8						
100 to 179 . . . . .	8.9	7.9	7.7	7.7	8.6	8.8	8.5	12.0	11.2	11.1	11.0	11.7	11.4	10.7	21.5	20.5	20.4	19.9	19.6	20.1	19.8							
180 to 259 . . . . .	3.4	3.3	3.3	3.6	4.1	4.3	4.2	4.5	4.4	4.8	4.9	5.6	5.7	5.6	8.0	8.4	9.1	9.7	10.5	11.3	11.3							
260 to 499 . . . . .	4.9	4.6	4.8	5.0	5.9	6.4	5.9	8.9	7.9	7.9	8.9	9.3	9.5	7.5	8.1	8.9	10.1	12.0	14.3	15.4								
500 to 999 . . . . .	3.4	3.3	3.5	3.7	4.5	5.1	4.8	7.5	6.5	6.8	6.9	7.7	8.0	8.7	2.7	3.0	3.4	4.0	5.1	6.6	7.8							
1,000 and over . . . . .	4.0	4.3	4.5	5.1	6.1	7.1	7.0	8.8	9.7	10.5	11.7	14.3	16.0	17.5	1.6	1.9	2.3	2.7	3.5	4.6	5.6							
TOTAL . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0							

## 6.

### Tenure of farms shifted . . .

From 1950 the percentage of full owners in California and the West decreased until 1964; since then the trend to full ownership has been increasing. Farm tenancy shows a downward trend in the United States.

Area and year	All farm operators	Full owners	Part owners	Managers	Tenants	Percentage distribution by tenure status		
						Full owners	Part owners	Managers
<b>CALIFORNIA</b>								
1940	132,658	89,843	13,991	3,425	25,399	67.7	10.6	2.6
1945	138,917	102,948	14,106	4,742	17,121	74.1	10.2	3.4
1950	137,168	100,834	17,478	2,556	16,300	73.5	12.7	1.9
1954	123,902	88,870	18,328	2,022	13,782	72.3	14.9	1.6
1959	99,232	68,489	17,756	2,144	10,843	69.0	17.9	2.2
1964	80,852	53,218	15,818	2,149	9,667	65.8	19.6	2.7
1969	77,875	53,727	14,361	...	9,787	68.9	18.4	...
<b>ELEVEN WESTERN STATES</b>								
1940	509,670	318,490	75,814	6,814	108,552	62.5	14.9	1.3
1945	494,456	331,985	82,344	8,395	71,732	67.1	16.7	1.7
1950	461,673	312,342	84,759	5,112	59,460	67.7	18.4	1.1
1954	422,450	280,020	86,858	4,523	51,049	66.3	20.5	1.1
1959	341,844	212,155	85,741	4,991	38,957	62.0	25.1	1.5
1964	300,298	183,201	79,159	4,849	33,089	61.0	26.4	1.6
1969	260,875	159,779	71,343	...	29,753	61.2	27.3	...
<b>UNITED STATES</b>								
1940	6,096,799	3,084,138	615,039	36,351	2,361,271	50.6	10.1	0.6
1945	5,859,169	3,301,361	660,502	38,885	1,858,421	56.3	11.3	0.7
1950	5,379,250	3,094,473	840,924	23,163	1,423,690	57.5	15.6	0.4
1954	4,782,393	2,736,941	856,931	20,636	1,167,885	57.2	17.9	0.4
1959	3,703,642	2,116,026	809,600	20,503	757,513	57.1	21.8	0.6
1964	3,152,611	1,816,259	780,781	17,671	537,900	57.6	24.8	0.6
1969	2,730,250	1,705,720	671,607	...	352,923	62.4	24.5	...

## 7. • . . and farmers were fewer\*

California's farm population dropped from 5.4 to 0.9 per cent of the state's total between 1950 and 1970. During this period, farm population dropped over 65 per cent from 568,000 to 185,000.

Year	CALIFORNIA			ELEVEN WESTERN STATES			UNITED STATES†		
	Per cent of total:		Farm population	Per cent, farm population of:		Total population	Farm population	Per cent, farm population of:	
	Eleven western states population	United States population‡	California total population	Eleven western states farm population	United States farm population	1,000's	1,000's	Eleven western states population	United States farm population
1,000's			1,000's			1,000's	1,000's		
1920 . . . . .	3,491	38.9	3.3	529	15.2	23.9	1.7	8,981	2,216
1930 . . . . .	5,677	47.7	4.6	622	11.0	27.1	2.0	11,896	2,295
1940 . . . . .	6,907	49.8	5.2	670	9.7	28.1	2.2	13,883	2,387
1950 . . . . .	10,586	54.1	7.0	568	5.4	29.4	2.5	19,562	1,929
1960 . . . . .	15,717	57.8	8.8	463	2.9	30.8	3.0	27,194	1,504
1964 . . . . .	18,003‡	59.1	9.5	270	1.5	25.2	2.4	30,481‡	1,070
1970* . . . . .	19,953	59.1	10.2	185	0.9	23.5	2.2	33,735	787

\*Data for 1969 unavailable; references for 1970 figures:

(a) U.S. Bureau of Census, 1970 Census of Population, Number of Inhabitants U.S. summary.

(b) U.S. Bureau of Census, 1970 Census of Population, General Social and Economic Characteristics U.S. summary.

†Total resident population

‡Includes armed forces overseas

## 8.

### First in total farm income . . . second in farm net income

California's total farm income in 1971 was over \$5 billion, almost 9 per cent of the United States' total farm income. California's net income per farm was exceeded only by Arizona's.

Components of gross farm income by years	CALIFORNIA			ELEVEN WESTERN STATES			UNITED STATES	
	Income Eleven western states	Per cent of United States	Rank among Eleven western states	Income All states	Per cent of United States	Income 1,000,000 dollars	Per cent of United States	1,000,000 dollars
1,000,000 dollars								
Cash receipts from farm marketing								
Average 1965-69 . . .	4,075	47.5	9.4	1	1	8,579	19.7	43,519
1970 . . . . .	4,502	45.1	8.9	1	1	9,982	19.8	50,455
1971 . . . . .	5,005	45.7	9.5	1	1	10,942	20.7	52,805
Value of home consumption								
Average 1965-69 . . .	11.5	15.7	1.4	2	27	73.2	9.4	771
1970 . . . . .	12.3	14.6	1.7	2	25	84.3	11.3	745
1971 . . . . .	14.0	16.3	2.0	2	25	85.7	12.0	712
Government payments								
Average 1965-69 . . .	95	21.8	2.9	1	12	434	13.4	3,215
1970 . . . . .	132	24.6	3.6	1	10	537	14.5	3,717
1971 . . . . .	113	23.9	3.5	1	8	471	14.9	3,145
Total gross farm income*								
Average 1965-69 . . .	4,328	45.7	8.6	1	1	9,460	18.9	50,022
1970 . . . . .	4,786	43.5	8.3	1	1	11,001	19.0	57,824
1971 . . . . .	5,272	48.3	8.8	1	1	10,908	18.2	59,758
Net income per farm								
Average 1965-69 . . .	15,106			2	2	89,785		4,843
1970 . . . . .	18,073			2	2	114,286		5,757
1971 . . . . .	20,803			2	2	122,659		5,581

\*This includes gross rental value of farm dwellings.

## 9. Farm machinery

Data on mechanization reflect the intensity and scale of agriculture in California as compared with the West and the United States. California has 25 per cent of all wheel tractors and motor trucks in the eleven western states and almost half the crawler tractors.

Item	Year	CALIFORNIA		ELEVEN WESTERN STATES		UNITED STATES	
		Number	Per cent of Eleven western states	Number	Per cent of United States	Number	Per cent of United States
TRACTORS—WHEEL*	1945	49,822	24.4	203,819	8.9	2,287,661	
	1950	74,466	23.6	315,289	9.7	3,249,866	
	1954	94,517	23.9	395,827	9.5	4,185,780	
	1959	104,597	24.1	433,419	9.7	4,487,447	
	1964	103,255	23.3	443,586	9.6	4,599,112	
	1969	90,402	25.2	358,470	10.0	3,581,430	
TRACTORS—CRAWLERS*	1945	29,467	52.1	56,533	55.9	101,222	
	1950	39,723	49.8	79,783	55.4	143,894	
	1954	42,261	47.7	88,592	55.6	159,454	
	1959	42,793	46.1	92,765	46.9	197,619	
	1964	39,570	44.4	89,213	48.5	183,781	
	1969	31,928	45.4	70,213	44.1	159,079	
MOTOR TRUCKS	1945	85,696	31.5	5,8	272,376	18.3	1,490,300
	1950	110,563	30.4	5,0	363,869	16.5	2,206,670
	1954	129,520	29.3	4,8	442,106	16.4	2,702,811
	1959	131,019	28.2	4,6	465,283	16.5	2,825,302
	1964	126,135	25.8	4,2	489,430	16.2	3,022,518
	1969	115,739	25.6	3,8	452,088	15.1	2,985,014
COMBINES	1945	4,529	10.2	1,2	44,499	11.9	374,785
	1950	8,839	11.8	1,2	75,186	10.5	713,633
	1954	10,053	12.0	1,0	83,816	8.6	979,050
	1959	9,169	11.5	0,9	79,823	7.7	1,041,678
	1964	8,366	11.5	0,9	72,964	8.0	909,639
	1969	5,619	11.5	1,2	48,499	10.3	467,226

\*Class I, 5 farms with sales of \$2,500 and over.

## 10.

### Trucks, tractors, cars . . .

A lesser proportion of farms in California report possession of tractors and motor trucks than farms in the eleven western states as a whole. But the number of tractors per thousand acres of cropland in California is greater than in the eleven western states and the United States.

Area	Year	Motor trucks			Tractors*		Automobiles Per cent of all farms reporting
		Per cent of all farms reporting	Per cent of all farms reporting	Number per 1,000 acres cropland harvested	Number per 1,000 acres cropland harvested		
United States . . . . .	1969	73.6	80.7	16.9	16.9	74.7	
Eleven Western States . . . . .	1969	82.7	79.6	13.2	13.2	72.8	
California . . . . .	1969	74.3	72.2	18.2	18.2	61.8	

\*Class I 5 farms with sales of \$2,500 and over.

# 11.

## California's six big farm areas their make-up, size, products

Of the major agricultural farm areas in California, the three leading ones—in value of farm product and value of farms—are San Joaquin Valley, Southern California, and the Central Coast.

Item	Unit	Major Agricultural Regions				Total for California
		North Coast	Central Coast	Southern California	San Joaquin Valley	
Land area . . . . .	1,000 acres	5,186	18,264	29,958	18,436	30,194
Area in farms . . . . .	1,000 acres	1,771	6,228	6,087	4,493	5,365
Area irrigated . . . . .	1,000 acres	38.8	444.1	992.7	1,236.3	3,948.9
Total cropland . . . . .	1,000 acres	155.7	1,602.2	1,518.4	2,088	4,954.6
Value, farm land and buildings . . . . .	\$1,000	283,634	3,181,949	4,779,005	2,050,812	5,685,459
Value of farm products sold . . . . .	\$1,000	32,769	570,330	1,146,764	379,565	1,655,819
Number of farms . . . . .		2,039	13,513	16,939	9,808	30,116
Average per farm:						
Acres total . . . . .	Acres	2,091	5,778	3,416	3,984	5,814
Cropland acres . . . . .	Acres			N O T	A V A I L A B L E	27,083
Value, land and buildings . . . . .	dollars	387,651	3,069,513	2,767,473	1,800,940	1,996,097
Value, products sold . . . . .	dollars	60,205	531,626	731,362	344,497	552,934
Number of farms classified by major source of income:						
Fruit, nut . . . . .		237	3,541	4,379	2,730	12,340
Vegetable . . . . .		13	683	607	243	692
All other field crops . . . . .		12	367	451	1,363	
Dairy . . . . .		244	496	683	466	2,331
Poultry . . . . .		6	291	913	104	663
Livestock . . . . .		504	2,044	1,120	1,252	2,605
General . . . . .		32	287	730	551	2,047
Miscellaneous . . . . .		111	957	1,769	241	829
TOTAL CLASSIFIED FARMS . . . . .		1,159	8,674	10,652	6,977	23,407
						3,161



# HOW CALIFORNIA RANKS IN VALUE OF FARM PRODUCTION

California's rank in the production of various agricultural commodities can best be gauged by comparing value-of-production figures.

The tables on pages 18 to 41 show California's production role for each product as a percentage and a rank among the western states and the United States. Although the data primarily deal with values, total production for each commodity is also given under each of the three principal headings—i.e., California, eleven western states, the United States.

Value-of-production data in these tables give percentage and ranking comparisons for food and feed grains, field crops, citrus fruits, tree nuts, noncitrus fruits, commercial vegetables for fresh market, and vegetables for commercial processing. For livestock and its products the figures are on gross income.

Two summary tables are included on pages 38 to 40. The first compares California with the western states and the United States in terms of value of production of broad product groups. The second shows how each group of products ranks in the total value of California's agricultural production.

Finally, the relative importance of California's ten leading farm products measured in terms of value of production is presented on page 41.

## 12.

### Food and feed grains

How California compares with the eleven western states and the United States as a whole in value of rye, wheat, rice, corn, oats, barley, and sorghums produced.

Crop	CALIFORNIA			ELEVEN WESTERN STATES			UNITED STATES			
	Production	Value	Per cent (by value) of Eleven western states	Rank (by value) among		Production	Value	Per cent of United States (by value)	Production	Value
				Eleven western states	All states					
TYPE OF GRAIN	1,000 tons	1,000 dollars				1,000 tons	1,000 dollars	1,000 tons	1,000 tons	1,000 dollars
<b>FOOD GRAINS*</b>										
RYE										
Average 1965	69	...								
1970	...	...								
1971†	...	...								
WHEAT										
Average 1965	69	...								
1970	...	...								
1971†	...	...								
RICE										
Average 1965	69	...								
1970	...	...								
1971†	...	...								
CORN										
Average 1965	69	...								
1970	...	...								
1971†	...	...								
OATS										
Average 1965	69	...								
1970	...	...								
1971†	...	...								
BARLEY										
Average 1965	69	...								
1970	...	...								
1971†	...	...								
SORGHUMS										
Average 1965	69	...								
1970	...	...								
1971†	...	...								

CORN											
Average 1965-69 . . . . .	466	23,492	40,2	.4	2	22	1,254	58,429	1.1	33,110	4,966,004
1970 . . . . .	592	33,869	35,5	.6	2	21	1,848	95,239	1.7	114,786	5,440,586
1971† . . . . .	695	36,976	38,2	.6	2	23	2,059	96,645	1.6	155,127	5,996,678
OATS											
Average 1965-69 . . . . .	75	3,716	15,8	.6	3	19	542	23,499	4.2	14,101	556,515
1970 . . . . .	81	3,939	11,1	.6	3	21	877	35,310	6.0	14,539	580,900
1971† . . . . .	78	4,260	18,2	.7	3	19	537	23,379	4.3	14,012	536,902
BARLEY											
Average 1965-69 . . . . .	1,625	78,608	36,9	21,6	1	2	4,700	212,677	58.4	9,623	363,744
1970 . . . . .	1,483	75,367	31,2	19,3	1	1	5,777	241,114	62.0	9,835	388,833
1971† . . . . .	1,383	76,623	21,4	17,1	1	2	5,619	258,043	57.6	11,100	447,822
GRAIN SORGHUM											
Average 1965-69 . . . . .	745	33,410	33,0	4.5	1	4	1,970	101,227	13.9	20,331	726,513
1970 . . . . .	821	42,784	45,9	14,3	1	4	1,953	93,132	11.6	19,501	797,539
1971† . . . . .	805	39,107	42,2	4,2	1	5	2,134	92,510	10.0	25,070	920,414

\*Crop year instead of calendar year  
†Preliminary

## 13. Field crops

California ranks high in value of most field crops, particularly hay, sugar beets, seed crops, dry beans, cotton, and sweet potatoes.

Type of livestock CROPS	CALIFORNIA			ELEVEN WESTERN STATES			UNITED STATES		
	Production	Gross income	Per cent (by gross income) of	Rank (by gross income) among Eleven western states	Production	Gross income	Per cent of United States (by value)	Production	Gross income
			Eleven western states	All states					
ALL HAY	1,000 pounds	1,000 dollars	30.2	6.8	1	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
Average 1965-69 . . . . .	7,589	199,510	29.5	7.5	1	28,348	661,242	125,212	2,908,300
1970 . . . . .	7,774	233,220	28.4	7.6	1	30,375	798,372	127,465	3,099,666
1971* . . . . .	8,271	260,537			1	30,747	915,791	130,954	3,391,187
COTTON LINT									
Average 1965-69 . . . . .	1,369	185,541	63.8	14.6	1	2,178	290,654	22.9	10,585
1970 . . . . .	1,160	141,167	64.8	12.6	1	1,796	217,703	19.4	10,166
1971* . . . . .	1,421	169,536	63.5	11.8	1	1,773	266,726	18.6	10,548
COTTON SEED									
Average 1965-69 . . . . .	570	28,355	62.3	12.5	1	3	904	45,485	20.1
1970 . . . . .	499	33,383	68.4	14.4	1	3	753	48,749	21.1
1971* . . . . .	484	31,460	65.8	12.4	1	3	752	47,756	18.9
DRY BEANS (cleaned)									
Average 1965-69 . . . . .	150	34,404	48.3	24.1	1	2	397	71,172	49.9
1970 . . . . .	133	31,992	42.8	20.0	1	2	405	74,615	46.7

1970	2	242	20.3	.33	2	6	15	1,188	1,65	839
1971*	—	—	—	—	—	—	2	132	.29	522
POTATOES										71,803
Average 1965-69	1,593	87,353	27.9	13.3	2	2	7,489	313,011	47.8	654,994
1970	1,488	56,889	25.1	12.2	2	2	8,642	345,527	48.3	774,938
1971*	1,327	58,128	20.7	9.6	2	3	8,234	281,137	46.6	602,998
SWEET POTATOES										
Average 1965-69	41	6,986	100.0	11.1	1	3	41	6,986	11.1	704
1970	33	7,282	100.0	12.4	1	3	33	7,282	12.4	670
1971*	31	7,273	100.0	11.9	1	3	31	7,273	11.9	586
SUGAR BEETS										
Average 1965-69	5,555	72,149	35.6	24.5	1	1	15,445	202,705	68.8	22,695
1970	8,342	128,467	46.1	32.9	1	1	18,085	278,787	71.3	294,684
1971*	8,212	—	—	—	—	—	19,183	—	—	390,813
HOPS										
Average 1965-69	2	1,925	8.3	8.3	4	4	25	23,295	100.0	25
1970	1	1,289	5.0	5.0	4	4	23	25,681	100.0	23
1971*	1	1,658	5.1	5.1	4	4	25	32,743	100.0	25
SEED CROPS										
Average 1965-69	22	17,201	44.6	25.9	1	1	50	38,565	58.0	129
1970	23	16,864	38.1	23.3	1	1	60	44,312	61.1	133
1971*	21	15,729	41.4	26.5	1	1	53	38,006	64.1	113

\*Preliminary.

# 14.

## Fruits, citrus

California ranks first in lemon production and value, second in oranges, and second in grapefruit.

TYPE OF FRUIT	CALIFORNIA				ELEVEN WESTERN STATES				UNITED STATES			
	Production	Value	Per cent (by value) of		Rank (by value) among	Production	Value	Per cent of United States (by value)	Production	Value	Per cent of United States (by value)	
			Eleven western states	United States <sup>a</sup>								
ORANGES	1,000 tons	1,000 dollars						1,000 tons	1,000 dollars	1,000 tons	1,000 dollars	
Early and Midseason:												
Average 1965-69 . . . . .	15,595	52,360	93.8	20.9	1	2	16,451	55,772	22.0	74,605	Not reported	
1969 70 . . . . .	21,200	58,300	96.0	21.6	1	2	22,190	60,676	22.6	97,890		
1970-71 . . . . .	17,900	67,304	95.4	17.0	1	2	18,660	70,542	17.8	104,760		
Valencias:												
Average 1965-69 . . . . .	17,775	50,536	89.1	24.0	1	2	20,297	56,673	27.4	73,981	Not reported	
1969 70 . . . . .	17,800	48,772	87.7	20.3	1	2	21,440	55,579	24.4	87,640		
1970 71 . . . . .	19,600	55,468	91.5	23.1	1	2	22,400	60,592	26.4	84,800		
All oranges (including tangerines):												
Average 1965-69 . . . . .	33,370	102,890	91.5	27.4	1	2	36,748	112,439	30.0	148,580	374,250	
1969 70 . . . . .	39,000	107,072	92.1	27.5	1	2	43,630	116,255	29.9	185,530	387,977	
1970-71 . . . . .	37,000	102,800	92.2	27.2	1	2	41,960	112,125	29.1	189,568	465,109	

Per cent by production for Early and Valencia Oranges.

# 15.

## Tree nuts

California grows all of the almonds and most of the walnuts produced in the United States.

TYPE OF NUT	CALIFORNIA				ELEVEN WESTERN STATES				UNITED STATES		
	Production	Value	Per cent (by value) of		Rank (by value) among		Production	Value	Per cent of United States (by value)	Production	Value
			Eleven western states	United States	Eleven western states	All states					
WALNUTS	1,000 tons	1,000 dollars					1,000 tons	1,000 dollars		1,000 tons	1,000 dollars
Average 1965-69 . . . . .	44	43,942	97.2	97.2	1	1	45	45,182	45	45,182	
1970 . . . . .	54	43,956	96.9	96.9	1	1	56	45,324	56	45,324	
1971 . . . . .	68	56,700	98.9	98.9	1	1	69	57,280	69	57,280	
PECANS											
Average 1965-69 . . . . .			NOT REPORTED				2	2,702	4.3	53	61,793
1970 . . . . .							2	4,140	6.8	39	60,322
1971 . . . . .							1	1,953	2.3	62	81,581
ALMONDS											
Average 1965-69 . . . . .			51,970	100.0	1	1	43	51,970	100.0	43	51,970
1970 . . . . .			80,104	100.0	1	1	62	80,104	100.0	62	80,104
1971 . . . . .			87,100	100.0	1	1	67	87,100	100.0	67	87,100
FILBERTS											
Average 1965-69 . . . . .			NOT REPORTED				4	3,997	100.0	4	3,997
1970 . . . . .							5	5,279	100.0	5	5,279
1971 . . . . .							6	4,708	100.0	6	4,708

# 16.

## Fruits, noncitrus

California ranks first in the value of her apricots, avocados, cherries, figs, grapes, olives, peaches, pears, plums, prunes and other fruit.

CROP	CALIFORNIA			ELEVEN WESTERN STATES			UNITED STATES		
	Production	Value	Per cent (by value) of Eleven western states	Rank (by value) among Eleven western states	Production	Value	Per cent of United States (by value)	Production	Value
APPLES	1,000 tons	1,000 dollars			1,000 tons	1,000 dollars		1,000 tons	1,000 dollars
Average 1965-69 . . . . .	253	19,265	17.7	6.7	5	1,382	108,290	37.6	2,964
1970 . . . . .	250	16,800	17.0	6.0	5	1,056	98,334	35.2	3,111
1971* . . . . .	200	15,320	14.1	5.1	5	963	108,515	36.2	3,055
APRICOTS									
Average 1965-69 . . . . .	184	24,366	96.0	1	1	190	25,357	100.0	190
1970 . . . . .	170	18,530	94.1	1	1	176	19,678	100.0	176
1971 . . . . .	144	13,896	93.7	1	1	150	14,826	100.0	150
AVOCADOS									
Average 1965-69 . . . . .	52	17,369	100.0	87.4	1	1	52	17,369	87.4
1970 . . . . .	65	24,548	100.0	81.8	1	1	65	24,548	81.8
1971 . . . . .	28	22,990	100.0	78.0	1	1	28	22,990	78.0
CHERRIES (sweet and sour)									
Average 1965-69 . . . . .	27	11,826	33.5	17.7	1	1	93	35,287	52.8
1970 . . . . .	25	12,090	30.7	19.7	2	2	106	39,269	64.2
1971 . . . . .	32	13,568	33.8	18.8	1	1	122	40,081	55.6

(Table 16 continued next page)

CROP	CALIFORNIA				ELEVEN WESTERN STATES				UNITED STATES			
	Production	Value	Per cent (by value) of		Rank (by value) among		Production	Value	Per cent of United States (by value)	Production	Value	
			Eleven western states	United States	Eleven western states	All states						
CRANBERRIES		1,000 tons	1,000 dollars				1,000 tons	1,000 dollars		1,000 tons	1,000 dollars	
Average 1965-69.					NOT REPORTED							
1970 . . . . .												
1971 . . . . .												
FIGS (fresh basis)												
Average 1965-69.	56	4,353	100.0	100.0	1	1	56	4,353	100.0	56	4,353	
1970 . . . . .	49	5,115	100.0	100.0	1	1	49	5,115	100.0	49	5,115	
1971 . . . . .	44	3,825	100.0	100.0	1	1	44	3,825	100.0	44	3,825	
GRAPES												
Average 1965-69.	3,385	181,841	94.9	77.9	1	1	3,463	191,582	82.1	3,720	233,187	
1970 . . . . .	2,763	238,048	95.0	80.1	1	1	2,828	250,365	84.2	3,119	297,062	
1971 . . . . .	3,534	305,075	94.8	81.5	1	1	3,627	321,743	86.0	3,997	373,992	
OLIVES												
Average 1965-69.	56	17,143	100.0	100.0	1	1	56	17,143	100.0	56	17,143	
1970 . . . . .	52	12,272	100.0	100.0	1	1	52	12,272	100.0	52	12,272	
1971 . . . . .	55	7,590	100.0	100.0	1	1	55	7,590	100.0	55	7,590	
PEACHES												
Average 1965-69.	1,069	80,643	93.6	48.4	1	1	1,114	86,153	51.8	1,693	166,277	
1970 . . . . .	921	82,296 <sup>†</sup>	91.8	46.6	1	1	967	89,620	50.8	1,508	176,339	
1971 . . . . .	841	77,361 <sup>†</sup>	92.5	44.4	1	1	894	83,600	48.0	1,444	173,993	
PEARS												
Average 1965-69.	276	33,020	51.4	46.5	1	1	454	64,142	90.4	609	70,895	
1970 . . . . .	258	36,623	55.6	52.3	1	1	503	65,852	94.0	537	69,989	
1971 . . . . .	309	29,397	49.7	46.2	1	1	560	59,130	93.3	705	63,368	

1970	123	19,680	100.0	100.0	1	123	19,680	100.0
1971	101	23,129	100.0	100.0	1	101	23,129	100.0
PRUNES*								
Average 1965-69	373	41,827	88.3	83.0	1	429	47,336	94.0
1970	200	40,400	87.9	85.6	1	245	45,933	97.3
1971	131	34,584	86.5	83.7	1	176	39,974	96.7
OTHER								
Average 1965-69	45	5,942	100.0	100.0	1	45	5,942	100.0
1970	23	3,412	100.0	100.0	1	23	3,412	100.0
1971	24	3,769	100.0	100.0	1	24	3,769	100.0

\*Dried.

†Excludes cuts and cannery diversion.

## 17.

# Vegetables, fresh

California leads all other states in production of such major fresh vegetables as artichokes, asparagus, broccoli, Brussels sprouts, cantaloupes, carrots, cauliflower, celery, garlic, melons, lettuce, onions, green peas, spinach, strawberries, and tomatoes.

Crop CROP	Production Value	CALIFORNIA			ELEVEN WESTERN STATES			UNITED STATES		
		Per cent (by value) of		Rank (by value) among	Production		Value	Per cent of United States (by value)	Production	Value
		Eleven western states	United States	Eleven western states	All states	1,000 tons	1,000 dollars	1,000 tons	1,000 dollars	1,000 tons
ARTICHOKE*	1,000 tons	1,000 dollars								
Average 1965-69 . . . . .	32,740	6,158	100.0	100.0	1	32,740	6,158	100.0	32,740	6,158
1970 . . . . .	33,550	6,920	100.0	100.0	1	33,550	6,920	100.0	33,550	6,920
1971 . . . . .	39,600	7,697	100.0	100.0	1	39,600	7,697	100.0	39,600	7,697
ASPARAGUS										
Average 1965-69 . . . . .	27,590	11,497	86.8	62.5	1	32,020	13,238	72.0	44,710	18,381
1970 . . . . .	33,950	14,666	87.4	69.0	1	38,350	16,778	78.9	47,600	21,242
1971 . . . . .	31,500	18,963	89.1	72.0	1	35,800	21,276	80.8	45,200	26,317
LIMA BEANS										
Average 1965-69 . . . . .	NOT REPORTED									
1970 . . . . .										
1971 . . . . .										
SNAP BEANS										
Average 1965-69 . . . . .	13,120	4,327	93.7	9.9	1	14,360	4,614	10.5	185,350	43,546
1970 . . . . .	10,800	3,474	100.0	8.4	1	10,800	3,474	8.4	157,450	41,142
1971 . . . . .	9,700	3,655	100.0	8.2	1	9,700	3,655	8.2	154,500	44,539
BROCCOLI										
Average 1965-69 . . . . .	105,330	19,210	90.2	82.6	1	116,350	21,287	91.5	128,150	23,244
1970 . . . . .	139,350	26,629	90.4	88.2	1	152,500	29,430	97.4	155,200	30,188
1971 . . . . .	142,500	30,702	90.7	87.6	1	156,700	33,235	96.5	161,200	35,055

BEETS	Average 1965-69	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1970	29,700	7,782	100.0	96.4	1	1	29,700	7,782
1971	29,700	7,782	NOT REPORTED					
CABBAGE*	Average 1965-69	121,650	7,422	66.4	11.7	1	3	191,180
1970	127,950	11,300	72.6	13.7	1	3	203,250	15,555
1971	112,900	8,008	68.3	11.0	1	3	180,150	11,714
CANTALOUPEs	Average 1965-69	368,420	41,252	74.5	55.7	1	1	471,870
1970	447,900	50,077	78.1	60.5	1	1	532,600	64,093
1971	382,000	44,734	72.6	54.8	1	1	485,650	61,591
CARROTS*	Average 1965-69	344,580	33,196	82.3	44.4	1	1	446,480
1970	348,400	28,165	82.9	42.2	1	1	474,650	33,955
1971	415,200	45,974	85.3	49.4	1	1	523,800	53,850
CAULIFLOWER*	Average 1965-69	83,960	15,123	87.5	66.6	1	1	100,660
1970	87,300	16,439	89.0	71.3	1	1	98,350	18,452
1971	95,900	19,641	90.2	73.9	1	1	107,350	21,760
CELERY*	Average 1965-69	422,800	39,511	98.2	55.4	1	1	429,026
1970	477,250	50,663	98.6	59.1	1	1	482,600	51,349
1971	490,050	48,211	99.0	61.8	1	1	494,750	48,681
CORN, SWEET	Average 1965-69	48,570	5,269	69.4	8.5	1	2	73,400
1970	53,150	6,358	69.9	9.3	1	2	78,600	9,084
1971	41,350	4,968	62.2	6.9	1	2	68,200	7,979

Crop	CALIFORNIA				ELEVEN WESTERN STATES				UNITED STATES		
	Production	Value	Per cent (by value) of		Rank (by value) among		Production	Value	Per cent of United States (by value)	Production	Value
			Eleven western states	United States	Eleven western states	All states					
CROP	1,000 tons	1,000 dollars					1,000 tons	1,000 dollars		1,000 tons	1,000 dollars
CUCUMBERS											
Average 1965-69	29,890	4,713	100.0	14.3	1	2	29,890	4,713	14.3	243,670	32,749
1970	36,650	4,858	100.0	15.9	1	2	36,650	4,858	15.9	236,650	30,499
1971	31,800	4,911	100.0	14.9	1	2	31,800	4,911	14.9	213,900	32,928
EGGPLANT											
Average 1965-69											
1970	NOT REPORTED										
1971											
ESCAROLE											
Average 1965-69											
1970	NOT REPORTED										
1971											
GARLIC*											
Average 1965-69	30,660	5,357	100.0	100.0	1	1	30,660	5,357	100.0	30,660	5,357
1970	36,400	6,844	100.0	100.0	1	1	36,400	6,844	100.0	36,400	6,844
1971	25,900	4,798	100.0	100.0	1	1	25,900	4,798	100.0	25,900	4,798
HONEYDEW MELONS											
Average 1965-69	61,010	7,793	91.7	85.8	1	1	66,390	8,493	93.5	74,640	9,081
1970	76,800	7,450	83.1	68.1	1	1	85,900	8,957	81.9	96,550	10,925
1971	71,800	8,013	82.8	60.6	1	1	81,700	9,674	73.2	97,900	13,206
KALE*											
Average 1965-69											
1970	NOT REPORTED										
1971											
LETTUCE											
Average 1965-69	1,341,420	121,098	64.5	56.9	1	1	1,944,820	187,610	88.2	2,147,400	89.2
1970	1,574,650	148,104	73.4	66.3	1	1	2,137,900	201,583	90.2	2,308,300	223,276
	1,536,500	74,666	70.5	63.9	1	1	2,122,150	246,500	90.3	2,112,900	273,129

#### **Marketing and processing**

## 18.

### Vegetables, processing

Tomatoes are the most valuable vegetable crop produced in California for commercial processing, followed by asparagus, lima beans, cucumbers, and spinach. These crops (except cucumbers) are number 1 in the United States.

CROP	Production	Value	CALIFORNIA			ELEVEN WESTERN STATES			UNITED STATES		
			Eleven western states	United States	Rank (by value) among Eleven western states	Production	Value	Per cent of United States (by value)	Production	Value	1,000 tons
ASPARAGUS	1,000 tons	1,000 dollars				1,000 tons	1,000 dollars	1,000 tons	1,000 tons	1,000 dollars	1,000 dollars
Average 1965-69 . . .	47,970	15,653	69.8	41.5	1	69,850	22,420	59.4	115,530	37,687	
1970 . . . . .	32,550	12,109	59.8	35.4	1	55,350	20,216	59.1	91,450	34,203	
1971 . . . . .	33,000	12,804	52.7	34.3	1	61,650	24,262	65.0	92,550	37,291	
LIMA BEANS (shelled)											
Average 1965-69 . . .	47,818	9,813	88.8	51.5	1	55,290	11,049	58.0	105,508	19,019	
1970 . . . . .	30,850	6,602	89.6	46.4	1	35,550	7,363	51.8	77,400	14,198	
1971 . . . . .	32,500	7,280	93.5	49.7	1	35,400	7,782	53.1	79,250	14,645	
SNAP BEANS											
Average 1965-69 . . .	25,880	3,409	16.1	5.9	2	4	181,600	20,499	35.6	575,406	57,429
1970 . . . . .	16,600	1,926	11.2	3.5	2	5	163,750	17,124	31.4	569,650	54,363
1971 . . . . .	19,800	2,416	14.3	4.3	2	5	160,050	16,872	30.4	596,550	55,468
BEETS											
Average 1965-69 . . .									33,060	723	16.3
1970 . . . . .									35,700	928	21.0
1971 . . . . .									35,700	782	18.9
											212,760
											207,050
											4,412
											1,400
											1,400

	CROP	NOT REPORTED			NOT REPORTED		
		1970	1971	1970	1971	1970	1971
CORN, SWEET							
Average 1965-69	.						
1970	..						
1971	..						
CUCUMBERS (pickles)							
Average 1965-69	52,944	4,560	59.1	9.9	1	4	16,374
1970	..	4,303	50.0	7.7	1	5	479,500
1971	..	5,774	60.2	11.0	1	3	497,800
PEAS, GREEN (shelled)							
Average 1965-69	16,999	2,011	8.8	3.4	3	5	96,116
1970	..	1,571	8.6	3.0	3	5	98,350
1971	..	1,663	8.1	2.9	4	6	110,100
SPINACH							
Average 1965-69	65,800	2,361	93.1	39.3	1	1	71,340
1970	..	72,550	2,742	42.1	1	1	72,550
1971	..	88,150	3,367	100.0	48.5	1	88,150
TOMATOES							
Average 1965-69	3,410,700	134,702	98.8	67.3	1	1	3,459,940
1970	..	3,341,700	105,598	98.7	61.9	1	3,381,400
1971	..	3,914,400	135,830	99.3	68.0	1	3,940,550

# 19.

## Livestock

In terms of gross income, California leads all states in turkeys and eggs, is second in honey and beeswax, third in milk, sheep and lambs, fourth in wool, and fifth in cattle and calves.

Type of Livestock	CALIFORNIA				ELEVEN WESTERN STATES				UNITED STATES			
	Production	Gross income	Per cent (by gross income) of		Rank (by gross income) among		Production	Gross income .	Per cent of United States (by value)	Production	Gross income	
			Eleven western states	United States	Eleven western states	All states						
CATTLE AND CALVES	1,000 pounds	1,000 dollars					1,000 pounds	1,000 dollars		1,000 pounds	1,000 dollars	
Average 1965-69 . . . . .	1,819,004	747,922	29.1	6.8	1	5	2,563,267	7,410,412	32.5	35,748,519	10,934,076	
1970 . . . . .	1,988,643	851,906	25.4	6.1	1	5	8,374,189	3,341,728	24.0	39,304,113	13,876,090	
1971 . . . . .	2,081,533	1,098,188	27.6	7.1	1	5	8,685,473	3,970,440	25.9	39,375,826	15,299,700	
HOGS												
Average 1965-69 . . . . .	49,056	11,095	14.3	.27	3	28	356,483	77,230	1.8	19,934,424	4,110,110	
1970 . . . . .	45,846	11,064	11.8	.23	3	.29	427,011	93,598	1.9	21,909,785	4,768,965	
1971 . . . . .	46,191	8,825	10.5	.21	4	.30	471,628	84,184	2.0	23,025,512	4,176,293	
SHEEP AND LAMBS												
Average 1965-69 . . . . .	88,448	25,618	16.5	7.7	2	3	550,320	155,067	47.1	1,170,219	329,044	
1970 . . . . .	87,526	27,023	16.0	7.9	2	3	531,488	167,911	49.3	1,098,354	339,957	
1971 . . . . .	78,396	25,255	15.6	7.7	2	3	506,049	161,695	49.8	1,061,695	324,118	
TURKEYS												
Average 1965-69 . . . . .	317,547	68,615	65.5	15.3	1	1	483,589	104,702	23.3	1,885,212	447,496	
1970 . . . . .	303,908	66,556	60.6	13.3	1	2	496,419	109,781	22.0	2,202,615	498,841	

1971	.....	93,747	3,965	60.7	4.1	1	7	140,373	8,470
BROILERS								138,770	6,532
Average 1965-69	.....	258,708	44,247	62.1	3.3	1	10	411,782	71,238
1970	.....	335,115	56,299	65.6	3.8	1	9	504,226	85,776
1971	.....	356,932	61,035	71.4	4.1	1	9	493,393	85,480

## 20. ... and livestock products

Product	CALIFORNIA			ELEVEN WESTERN STATES			UNITED STATES		
	Production	Gross income	Per cent (by gross income) of	Rank (by gross income) among		Gross income	Per cent of United States (by value)	Production	Gross income
			Eleven western states	United States	All states				
	1,000 pounds	1,000 dollars				1,000 dollars	1,000 pounds	1,000 pounds	1,000 dollars
EGGS									
Average 1965-69 . . . . .	8,008	209,441	71.4	10.4	1	10,936	293,125	14.6	67,359
1970 . . . . .	8,657	243,839	72.2	10.9	1	11,685	337,314	15.1	68,282
1971 . . . . .	9,012	191,505	73.4	10.4	1	12,297	260,903	14.2	70,082
WOOL*									
Average 1965-69 . . . . .	13,778	6,191	14.9	7.5	2	3	92,076	41,284	50.0
1970 . . . . .	11,665	4,199	14.4	7.3	2	3	82,955	29,047	50.9
1971 . . . . .	11,580	2,084	13.0	6.6	3	4	82,929	16,004	51.3
MOHAIR*									
Average 1965-69 . . . . .	48	21	7.3	0.1	4	6	664	285	1.9
1970 . . . . .	30	11	4.7	0.1	5	7	604	234	3.5
MILK					NOT REPORTED				
Average 1965-69 . . . . .	8,726,000	446,042	54.0	7.6	1	3	16,188,000	825,045	14.0
1970 . . . . .	9,457,000	535,419	54.3	8.0	1	3	17,180,000	984,490	14.7

Product	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
BEESWAX*																
Average 1965-69 . . . . .	580	332	46.8	13.4	1	2	44,485	8,518	18.8							
1970 . . . . .	358	15	31.8	7.6	1	3	1,299	708	28.6	4,534	2,468					
1971 . . . . .	393	240	44.7	10.4	1	2	892	536	674	24.0	4,648	2,798				
										23.3	3,757	2,299				

\*Value of production for wool and mohair, honey, and beeswax.

21

### The total crop value picture—a summary of preceding tables

Crops	CALIFORNIA			ELEVEN WESTERN STATES			UNITED STATES	
	Value	Per cent (by value) of		Rank (by value) among		Value	Per cent (by value) of United States	Value
		Eleven western states	United States	Eleven western states	All states			
	1,000 dollars					1,000 dollars	1,000 dollars	1,000 dollars
ALL GRAINS								
Average 1965-69	246,704	25.5	2.7	3	12	966,200	10.7	9,019,810
1970	282,505	26.4	2.9	3	11	1,067,033	11.2	9,505,193
1971	275,569	24.4	2.6	3	12	1,127,100	10.6	10,546,167
FOOD GRAINS								
Average 1965-69	107,478	18.9	4.5	4	12	568,373	23.9	2,377,082
1970	126,546	21.1	5.6	4	10	598,305	26.4	2,258,976
1971	118,603	18.1	4.5	4	10	652,285	25.1	2,598,046
FEED GRAINS								
Average 1965-69	139,226	35.1	2.1	3	12	395,832	5.9	6,612,776
1970	155,959	33.5	2.1	3	12	464,795	6.4	7,207,858
1971	156,966	33.3	1.9	3	13	470,577	5.9	7,901,816
FIELD CROPS								
Average 1965-69	633,774	38.3	11.0	1	2	1,653,835	28.9	5,713,864
1970	650,795	35.3	10.8	1	3	1,842,216	30.6	6,003,721
1971	576,650	29.5	8.9	1	3	1,949,925	30.1	6,465,566
ALL FRUITS AND NUT TREES								
Average 1965-69	820,097	79.8	48.9	1	1	1,027,385	61.2	1,676,359
	\$1,100	80.9	49.7	1	1	1,138,189	62.4	1,821,521

1970	287,226	87.7	49.2	2	298,446	57.1	522,411
1971	331,650	91.1	47.8	1	327,159	56.0	583,566
FRUITS (Noncitrus)					363,753	52.5	692,622
Average 1965-69	456,675	73.0	58.4	1	624,788	79.9	781,157
1970	509,814	75.3	48.6	1	676,183	64.5	1,046,926
1971	550,504	75.2	48.6	1	731,915	64.6	1,131,608
TREE NUTS							
Average 1965-69	95,912	92.3	58.8	1	103,851	63.7	162,942
1970	124,060	92.0	64.9	1	134,847	70.5	191,029
1971	143,800	95.2	62.3	1	151,041	65.4	230,669
ALL VEGETABLES							
Average 1965-69	643,984	74.6	37.3	1	862,126	49.9	1,726,453
1970	696,873	78.3	40.2	1	889,009	51.2	1,733,489
1971	794,938	77.3	41.1	1	1,028,322	53.2	1,932,734
VEGETABLES FOR COMMERCIAL PROCESSING							
Average 1965-69	172,509	71.7	35.7	1	240,403	49.7	482,940
1970	134,851	69.1	30.5	1	194,990	44.2	441,107
1971	169,134	72.4	35.2	1	233,352	48.6	480,136
VEGETABLES FOR FRESH MARKET							
Average 1965-69	471,475	75.3	37.9	1	621,723	49.9	1,243,513
1970	562,022	80.9	43.4	1	694,019	53.7	1,292,382
1971	625,804	78.7	43.0	1	794,970	54.7	1,452,598
LIVESTOCK AND LIVESTOCK PRODUCTS*							
Average 1965-69	1,569,373	37.8	6.2	6	4,149,812	16.4	25,250,246
1970	1,804,361	35.6	6.0	2	5,067,908	16.8	30,059,072
1971	2,027,259	35.2	6.5	2	5,756,489	18.7	30,738,608

\*Gross income rather than value of production

## 22.

### Commodity group values— a summary

How the nine main groups of California farm products changed in value  
and as proportions of the state's total value of agricultural production  
between 1965-69 and 1971.

Commodity	Average 1965-1969		1970		1971	
	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total
	<b>1,000 dollars</b>		<b>1,000 dollars</b>		<b>1,000 dollars</b>	
Livestock and livestock products . . . . .	1,569,373	40.0	1,804,361	41.4	2,027,259	43.1
Field crops . . . . .	633,774	16.2	650,795	14.9	576,650	12.3
Commercial vegetables for fresh market . . . . .	471,475	12.0	562,022	12.9	625,804	13.3
Fruits, noncitrus . . . . .	456,675	11.7	509,814	11.7	550,504	11.7
Fruits, citrus . . . . .	267,510	6.8	287,226	6.6	331,650	7.1
Vegetables for commercial processing . . . . .	172,509	4.5	134,851	3.2	169,134	3.6
Feed grains . . . . .	139,226	3.5	155,959	3.6	156,966	3.3
Food grains . . . . .	107,478	2.8	126,546	2.9	118,603	2.5
Tree nuts . . . . .	95,912	2.5	124,060	2.8	143,800	3.1
<b>TOTALS . . . . .</b>	<b>3,913,932</b>	<b>100.0</b>	<b>4,355,634</b>	<b>100.0</b>	<b>4,700,370</b>	<b>100.0</b>

## 23.

### California's ten leading farm products—value of production

Cattle and calves lead milk and grapes for first place in value of production among the ten leading farm products of California.

Rank	Average 1965-1969		1970		1971		Per cent of total value
	Product	Per cent of total value	Product	Per cent of total value	Product	Per cent of total value	
1	Cattle and calves . . . . .	18.4	Cattle and calves . . . . .	18.5	Cattle and calves . . . . .	19.4	
2	Milk . . . . .	11.0	Milk . . . . .	11.8	Milk . . . . .	11.6	
3	Cotton . . . . .	5.4	Grapes . . . . .	5.3	Grapes . . . . .	6.3	
4	Eggs, chicken . . . . .	5.2	Hay . . . . .	5.2	Hay . . . . .	5.4	
5	Hay . . . . .	5.0	Eggs, chicken . . . . .	5.0	Tomatoes . . . . .	4.5	
6	Tomatoes . . . . .	5.0	Tomatoes . . . . .	4.1	Cotton . . . . .	4.1	
7	Grapes . . . . .	4.6	Cotton . . . . .	3.9	Eggs, chicken . . . . .	3.8	
8	Lettuce . . . . .	3.0	Lettuce . . . . .	3.3	Lettuce . . . . .	3.6	
9	Oranges . . . . .	2.5	Nursery products . . . . .	3.0	Nursery products . . . . .	3.2	
10	Rice . . . . .	2.3	Sugar beets . . . . .	2.8	Sugar beets . . . . .	2.6	
Per cent (first ten) of total value of California farm production . . . . .		62.4	62.9		64.5		

## **HOW PRODUCTS ARE USED**

Many agricultural products of California, particularly the fruit crops, may be used in one of several ways—fresh sales, dried, canned, frozen, crushed. Milk is also subject to various forms of processing and use.

The tables on pages 43 to 52 show the alternative outlets of selected agricultural products—deciduous fruits and grapes, olives, and milk. Vegetables for fresh consumption and processing, reported in the previous section, are not included.

## 24.

### How farm products are used

#### apples

The following tables show the uses to which apples, apricots, cherries, grapes, olives, peaches, pears, plums, prunes, and milk are put.

Area	Production having value	Quantity	Per cent of total production	Fresh sales				Processed				Other*	
				Total quantity processed	Per cent of total production	Canned		Dried		Quantity	Per cent of total processed		
						Quantity	Per cent of total processed	Quantity	Per cent of total processed				
		tons		tons		tons		tons		tons		tons	
CALIFORNIA													
Average 1965-69	252,500	71,580	28.4	180,920	71.6	61,510	33.9	46,320	25.7	73,090	40.4		
1970	250,000	60,000	24.0	190,000	76.0	60,000	31.5	34,800	18.3	95,200	50.2		
1971	200,000	56,000	28.0	144,000	72.0	46,000	31.9	20,000	13.9	78,000	54.2		
ELEVEN WESTERN STATES													
Average 1965-69	1,080,440	724,720	67.0	355,720	33.0	101,330	28.5	105,210	29.6	149,180	41.9		
1970	1,090,500	711,150	65.0	379,350	35.0	100,200	26.5	93,500	24.6	185,650	48.9		
1971	963,000	647,700	67.2	315,300	32.8	83,450	26.5	48,700	15.5	183,150	58.0		
UNITED STATES													
Average 1965-69	2,921,250	1,668,540	57.2	1,252,870	42.8	603,280	48.2	105,210	8.4	544,320	43.4		
1970	3,128,700	1,765,300	56.5	1,363,400	43.5	579,150	42.5	93,500	6.8	690,750	50.7		
1971	3,055,050	1,747,650	57.2	1,307,400	42.8	546,750	41.8	48,700	3.8	711,950	54.4		

\* frozen and crushed for vinegar, cider, and juices

## apricots

Area	Production having value	Fresh sales		Processed				Other*	
		Quantity	Per cent of total production	Total quantity processed	Per cent of total production	Canned			
						Quantity	Per cent of total processed		
	tons	tons	tons	tons	tons	tons	tons	tons	
CALIFORNIA									
Average 1965-69	181,000	10,260	5.6	170,740	94.4	130,820	76.6	31,340	
1970	170,000	11,000	6.4	159,000	93.6	114,900	72.3	36,400	
1971	144,000	12,400	8.6	131,600	91.4	99,200	75.4	26,000	
ELEVEN WESTERN STATES AND UNITED STATES									
Average 1965-69	186,139	14,382	7.7	171,757	92.3	131,837	76.7	31,340	
1970	176,400	16,240	9.2	160,140	90.8	116,040	72.5	36,400	
1971	149,550	17,620	11.7	131,930	88.3	99,530	75.4	26,000	
								19.7	
								19.7	

\*Mostly frozen

## cherries

Area	Production having value	Fresh sales		Processed					
		Quantity	Per cent of total production	Canned		Dried		Other*	
				Total quantity processed	Per cent of total production	Quantity	Per cent of total processed	Quantity	Per cent of total processed
	tons	tons	tons	tons	tons	tons	tons	tons	tons
CALIFORNIA									
Average 1965-69	26,420	15,280	57.8	11,140	42.2	2,700	24.2	...	8,440
1970	25,400	15,400	60.6	10,000	39.4	400	4.0	...	9,600
1971	32,000	21,000	65.6	11,000	34.4	1,500	13.6	...	9,500
ELEVEN WESTERN STATES									
Average 1965-69	91,344	39,027	42.7	52,317	52.3	14,259	27.3	6,532	12.4
1970	105,940	46,784	44.1	59,156	55.9	11,718	19.8	5,080	8.5
1971	122,450	65,932	53.8	56,518	46.2	11,308	20.0	9,145	16.2
UNITED STATES									
Average 1965-69	231,107	46,214	20.0	184,893	80.0	63,857	34.5	70,362	38.0
1970	240,520	54,304	22.5	186,216	77.5	55,178	29.6	69,620	37.4
1971	279,400	74,397	26.6	205,003	73.4	52,638	25.7	92,360	45.0

\*Some quantities used for juice, canned, frozen, etc., included with brined or sweet varieties; quantities included with canned

## grapes\*

Area	Production having value	Fresh sales		Processed					
		Quantity	Per cent of total production	Canned		Dried		Other*	
				Total quantity processed	Per cent of total production	Quantity	Per cent of total processed	Quantity	Per cent of total processed
		tons	tons	tons	tons	tons	tons	tons	tons
CALIFORNIA									
Average 1965-69	...	3,385,000	526,920	15.5	2,858,080	84.5	60,220	2.1	1,071,160
1970.	...	2,763,000	381,500	13.8	2,381,500	86.2	53,700	2.2	821,800
1971.	...	3,534,000	381,700	10.8	3,152,300	89.2	58,400	1.8	880,900
ELEVEN WESTERN STATES									
Average 1965-69	...	3,448,500	528,450	15.4	2,914,650	84.6	60,220	2.0	1,071,160
1970.	...	2,817,500	382,430	13.5	2,435,070	86.5	53,700	2.2	821,800
1971.	...	3,613,400	382,800	10.5	3,230,600	89.5	58,400	1.8	880,900
UNITED STATES									
Average 1965-69	...	3,713,608	556,721	14.9	3,156,887	85.1	60,220	1.9	1,071,160
1970.	...	3,119,330	406,006	13.0	2,713,324	87.0	53,700	1.9	821,800
1971.	...	3,996,720	410,273	10.2	3,586,447	89.8	58,400	1.6	880,900

\*Total of raisin, table, and wine grapes.

## grapes: California raisin, wine, table

Area	Fresh sales			Processed					
	Production having value	Quantity	Per cent of total production	Canned		Dried*		Other†	
				Total quantity processed	Per cent of total production	Quantity	Per cent of total processed	Quantity	Per cent of total processed
	tons	tons	tons	tons	tons	tons	tons	tons	tons
RAISIN									
Average 1965-69	2,135,000	240,740	11.3	1,894,260	88.7	60,220	3.2	1,069,400	56.4
1970	1,890,000	165,300	8.7	1,724,700	91.3	53,700	3.1	820,000	47.5
1971	2,317,000	176,600	7.6	2,140,400	92.4	58,400	2.7	878,000	41.0
WINE									
Average 1965-69	694,000	57,500	8.2	636,500	91.8	· · · · ·	· · · · ·	· · · · ·	· · · · ·
1970	537,000	42,000	7.8	495,000	92.2	· · · · ·	· · · · ·	· · · · ·	· · · · ·
1971	769,000	47,000	6.2	722,000	93.8	· · · · ·	· · · · ·	· · · · ·	· · · · ·
TABLE									
Average 1965-69	556,000	228,680	41.1	327,320	58.9	· · · · ·	· · · · ·	1,760	0.5
1970	336,000	174,200	51.8	161,800	48.2	· · · · ·	· · · · ·	1,800	1.1
1971	448,000	158,100	35.2	289,900	64.8	· · · · ·	· · · · ·	2,900	1.0

\*Fresh basis.

†Crushed for wine, juice, etc.

## olives

Area	Production having value	Fresh sales		Processed						
		Quantity	Per cent of total production	Total quantity processed	Per cent of total production	Canned		Dried		Other*
						Quantity	Per cent of total processed	Quantity	Per cent of total processed	
		tons		tons		tons		tons		tons
CALIFORNIA										
Average 1965-69	56,600	580	1.0	56,020	99.0	41,606	74.2	7.3	10,340	18.5
1970	52,000	600	1.1	51,400	98.9	39,200	76.3	4,100	8.0	8,100
1971	55,000	700	1.2	54,300	98.8	39,600	73.0	4,900	9.0	9,800

\*Chopped, minced, brined.

# peaches\*

Area	Fresh sales		Processed					
	Production having value	Quantity	Per cent of total production	Total quantity processed	Per cent of total production	Canned	Dried	Other †
CALIFORNIA	tons	93,440	9.7	866,780	90.3	810,140	93.5	33,500 3.9
Average 1965-69 . . . . .	960,220	93,400	10.1	739,600	89.9	692,400	93.6	29,000 4.0
1970. . . . .	823,000	83,400	11.1	693,100	88.9	644,400	92.9	33,800 4.9
1971. . . . .	780,000	86,900						
ELEVEN WESTERN STATES	tons	1,746,260	87.0	1,621,440	92.8	46,280	2.7	78,540 4.5
Average 1965-69 . . . . .	2,007,240	260,980	13.0	1,496,400	86.2	1,392,600	93.0	67,400 4.6
1970. . . . .	1,737,000	240,600	13.8	1,402,200	84.2	1,291,400	92.0	81,000 5.8
1971. . . . .	1,665,400	263,200	15.8					
UNITED STATES	tons	1,252,540	40.0	1,883,740	60.0	1,727,360	91.6	46,580 5.9
Average 1965-69 . . . . .	3,136,280	1,194,200	42.7	1,597,600	57.3	1,471,200	92.0	36,400 5.7
1970. . . . .	2,791,800	1,233,700	44.5	1,533,200	55.5	1,395,600	91.0	29,800 7.1
1971. . . . .	2,766,900	1,233,700						

\*Total of clingstone and freestone peaches.

†Mostly frozen; some used for jams, preserves, brandy, etc.

# peaches: California clingstone, freestone

CLINGSTONE	tons		Processed				tons	
	Production having value	Quantity	Total quantity processed	Per cent of total production	Quantity	Per cent of total processed	Quantity	Per cent of total processed
Average 1965-69 . . . . .	711,420	1,800	0.2	709,620	99.8	709,620	100.0	...
1970. . . . .	623,000	1,400	0.2	621,600	99.8	621,600	100.0	...
1971. . . . .	578,000	1,300	0.2	576,700	99.8	576,700	100.0	...
FREESTONE	tons	157,160	63.2	100,520	63.9	23,140	14.8	33,500 21.3
Average 1965-69 . . . . .	248,800	91,640	36.8	118,000	59.0	70,800	60.0	29,000 24.6
1970. . . . .	200,000	82,000	41.0	116,400	57.7	67,700	58.1	14,900 29.1
1971. . . . .	202,000	85,600	42.3					

†Mostly frozen; some used for jams, preserved, brandy, etc.

**pears**

Area	Production having value	Fresh sales		Processed				Other*
		Quantity	Per cent of total production	Total quantity processed	Per cent of total production	Canned	Dried	
						tons	tons	
CALIFORNIA								
Average 1965-69	276,200	51,500	18.6	224,700	81.4	221,220	98.4	3,480
1970.	258,000	48,200	18.6	209,800	81.4	206,300	98.3	3,500
1971.	309,000	66,500	21.5	242,500	78.4	238,000	98.1	4,500
ELEVEN WESTERN STATES								
Average 1965-69	554,850	214,734	38.7	340,116	61.3	336,636	98.9	3,480
1970.	502,530	185,113	36.8	317,417	63.1	313,917	98.8	3,500
1971.	660,390	279,760	42.3	380,630	57.6	376,130	98.8	4,500
UNITED STATES								
Average 1965-69	599,834	236,761	39.4	363,073	60.6	359,593	99.0	3,480
1970.	538,780	205,723	38.1	333,057	61.9	329,557	98.8	3,500
1971.	701,120	300,737	42.8	400,383	57.2	395,883	98.8	4,500

\*Some quantities of otherwise processed included with canned to avoid disclosure of individual operations.

## plums and prunes\*

Area	Production having value	Fresh sales		Processed			Other*
		Quantity	Per cent of total production	Total quantity processed	Per cent of total production	Canned	
		tons	tons	tons	tons	tons	Per cent of total processed
ELEVEN WESTERN STATES							
Average 1965-69 . . . . .	55,241	28,959	52.4	26,282	47.6	19,632	4.1
1970. . . . .	36,850	21,540	58.4	15,310	41.6	11,360	. . . . .
1971. . . . .	45,000	26,080	57.9	18,920	42.1	13,420	. . . . .
UNITED STATES							
Average 1965-69 . . . . .	69,641	34,539	49.5	35,102	50.5	27,720	5.2
1970. . . . .	48,350	28,040	57.9	20,315	42.1	15,165	6.0
1971. . . . .	68,500	37,780	55.1	30,720	44.9	25,220	. . . . .

\*Plums and prunes for all states, excluding California plums and prunes.

## plums and prunes: California

PLUMS	PRUNES	Processed			Other*		
		Total quantity processed	Per cent of total production	Quantity			
		tons	tons	tons	tons	tons	tons
PLUMS	PRUNES				NOT REPORTED		
Average 1965-69 . . . . .	149,200	92,400	87,940	95.1	4,460	4.9	. . . . .
1970. . . . .	200,000	123,000	119,300	96.9	3,700	3.1	. . . . .
1971. . . . .	131,000	101,000	98,200	97.2	2,800	2.8	. . . . .
					149,200	100.0	100.0
					200,000	100.0	100.0
					131,000	100.0	100.0

\*For California prunes, quantities listed as sold assumed to be all processed, and also all dried.

## —nine California noncitrus fruits\*

Area	Production having value	Fresh sales		Processed			
		Quantity	Per cent of total production	Total quantity processed	Per cent of total production	Canned	Dried
Average 1965-69	5,379,540	857,500	15.9	4,522,040	84.1	1,328,216	29.3
1970	4,664,400	719,400	15.4	3,945,000	84.6	1,166,900	29.5
1971	5,286,000	723,400	13.6	4,562,600	86.4	1,127,100	24.7

\* Apples, apricots, cherries, grapes, olives, peaches, pears, plums and prunes.

† Includes 5,120 tons in 1960; 64,540 tons in 1965; 3,600 tons in 1966 of plums, for which method of processing is not reported.

## —milk: disposition on farms

Area	Total production on farms	Fed or consumed on farms where produced		Sold or utilized for dairy products sold from farm				
		Quantity	Per cent of total production	Total quantity	Per cent of total production	For delivery to plant and dealers*	Per cent of total sold	For retail sales by farmers
CALIFORNIA	1,000,000 pounds	1,000,000 pounds		1,000,000 pounds	1,000,000 pounds	8,144	94.8	442
Average 1965-69	8,726	140	1.6	8,586	98.4	8,874	94.9	473
1970	9,457	110	1.1	9,347	98.9	9,212	96.0	382
1971	9,710	116	1.1	9,594	98.9			
ELEVEN WESTERN STATES					1,000,000 pounds		1,000,000 pounds	
Average 1965-69	16,188	544	3.3	15,644	96.7	14,935	95.4	52
1970	17,180	434	2.5	16,746	97.5	15,967	95.3	4.0
1971	17,765	423	2.3	17,342	97.7	16,640	95.9	4.6
UNITED STATES								
Average 1965-69	119,231	5,117	4.2	114,114	95.8	112,352	98.4	1,762
1970	116,962	4,002	3.4	112,960	96.6	111,241	98.4	1,719
1971	118,532	3,743	3.1	114,789	96.9	113,212	98.6	1,577

\*Includes milk produced by dealers' own herds (except New York and California, where such milk is included as sold directly to consumers). Also includes small amounts of milk sold as farm-separated cream.

## THE FIVE PRINCIPAL COUNTIES ACCORDING TO PRODUCT GROUPS

The five leading counties and their relative importance in each of six major product groups are listed on pages 54 to 57. Rankings are according to the county's percentage of the state's total production, total acreage, or value of production for each crop.

The tables on pages 54 to 57 (top table) deal with food and feed grains, field crops, commercial vegetables, citrus fruits and tree nuts, noncitrus fruits, and livestock and its products. The lower table on page 57 ranks counties by total value of farm products.

Although county boundaries do not usually coincide with natural boundaries of agricultural production, data are reported by counties and therefore must and usually do serve as satisfactory indicators.

Two or more counties often contribute very nearly the same amount of a given product to the state total, and their relative positions may therefore shift from year to year. Where percentage contributions appear to be equal or nearly equal, therefore, rankings should be viewed as arbitrary.

## —food and feed grains\*

RANKINGS AND PERCENTAGES OF STATE TOTAL BY TOTAL PRODUCTION

Crop	First			Second			Third			Fourth			Fifth			Five counties per cent of total
	County	Per cent	County	Percent	County	Per cent	County	Per cent	County	Per cent	County	Per cent	County	Per cent	County	
Wheat . . . . .	Imperial	18	Kern	9	Fresno	8	San Luis Obispo	7	Sacramento	5	47					
Rice . . . . .	Colusa	24	Sutter	18	Butte	16	Glenn	14	Yolo	8	80					
Corn . . . . .	San Joaquin	25	Sacramento	22	Fresno	13	Yolo	11	Merced	10	81					
Oats . . . . .	Solano	9	Butte	7	Placer	6	Tulare	3	Sonoma	2	27					
Barley . . . . .	Fresno	17	Kings	16	Imperial	8	Yolo	5	Monterey	4	50					
Grain sorghum . . . . .	Imperial	14	Yolo	11	Kern	8	Sutter	8	San Joaquin	6	47					

\*Excludes rye.

## —field crops

All hay . . . . .	Imperial	14	Kern	14	Fresno	12	Tulare	10	San Joaquin	6	56					
Cotton (lint and seed) . . . . .	Kern	30	Fresno	25	Kings	13	Tulare	13	Imperial	4	85					
Dry beans and peas . . . . .	Stanislaus	26	San Joaquin	15	Monterey	12	Santa Barbara	7	Kern	6	66					
Potatoes . . . . .	Kern	51	Monterey	8	Riverside	6	Santa Barbara	3	San Joaquin	3	71					
Sugar beets . . . . .	Imperial	19	San Joaquin	12	Fresno	11	Yolo	8	Solano	7	57					
Seed crops† . . . . .	Fresno	63	Kings	6	Sacramento	6	Colusa	5	Kern	4	84					
Safflower . . . . .	Kings	34	Yolo	15	Fresno	14	Sacramento	11	Sutter	11	85					

†Red clover, alsike clover, alfalfa, lespediza, sweet clover, timothy.

## —commercial vegetables

Crop	RANKINGS AND PERCENTAGES OF STATE TOTAL BY TOTAL ACREAGE*								Five counties per cent of total	
	First		Second		Third		Fourth			
	County	Per cent	County	Per cent	County	Per cent	County	Per cent		
Artichokes	Monterey	96	San Mateo	2	Santa Cruz	1	Santa Barbara	1	100	
Asparagus	San Joaquin	62	Imperial	8	Monterey	6	Riverside	4	84	
Lima beans	Stanislaus	35	Ventura	34	Monterey	14	Merced	5	99	
Snap beans	Stanislaus	26	San Joaquin	14	Fresno	1	Santa Cruz	1	43	
Cabbage	Ventura	30	Monterey	1	San Diego	1	Santa Barbara	1	34	
Cantaloupe	Fresno	44	Imperial	20	Kern	8	Merced	8	Riverside	
Carrots	Monterey	26	Kern	26	Riverside	19	Imperial	15	Santa Barbara	
Cauliflower	Monterey	51	Santa Barbara	10	Alameda	9	Stanislaus	9	San Luis Obispo	
Celery	Ventura	35	Monterey	33	San Luis Obispo	8	Santa Barbara	7	Orange	
Corn, sweet	Riverside	31	Los Angeles	20	Orange	19	Kern	7	90	
Cucumbers	San Joaquin	18	Santa Clara	15	Alameda	1	Merced	1	72	
Garlic	Monterey	46	Santa Clara	2	Alameda	1	Orange	1	35	
Honeydew melons	Stanislaus	30	Yolo	21	San Benito	1	Kern	1	50	
Lettuce	Monterey	41	Imperial	28	Tulare	1	San Joaquin	1	54	
Onions, dry	Kern	11	San Joaquin	8	Riverside	5	Santa Barbara	4	82	
Peas, green	Stanislaus	54	Ventura	21	Modoc	5	Siskiyou	1	26	
Spinach	Monterey	42	Stanislaus	22	San Joaquin	20	Monterey	1	97	
Strawberries	Monterey	30	Orange	16	Ventura	21	Santa Cruz	1	85	
Tomatoes	Yolo	19	San Joaquin	17	Fresno	15	Solano	1	63	
Watermelon	Imperial	21	Kern	18	Riverside	12	Stanislaus	5	60	
						11	San Joaquin	10	61	

\*All fractional figures rounded to nearest 1 per cent.

## —citrus fruits and tree nuts

Crop	RANKINGS AND PERCENTAGES OF STATE TOTAL BY TOTAL ACREAGE						Five counties per cent of total			
	First		Second		Third		Fourth		Fifth	
	County	Per cent	County	Per cent	County	Per cent	County	Per cent	County	Per cent
Citrus										
Oranges . . . . .	Tulare	42	Riverside	15	Ventura	13	Kern	12	Fresno	8
Lemons . . . . .	Ventura	56	Riverside	17	Santa Barbara	10	San Bernardino	7	San Diego	5
Grapefruit . . . . .	Riverside	75	San Bernardino	12	Ventura	1	Imperial	1	Orange	1
Tree nuts										
Walnuts . . . . .	Stanislaus	16	San Joaquin	15	Tulare	11	Butte	7	Sutter	6
Almonds . . . . .	Stanislaus	18	Butte	16	Merced	15	San Joaquin	13	Yolo	7
Apples . . . . .	Sonoma	38	Santa Cruz	34	Monterey	1	El Dorado	1	San Bernardino	1
Apricots . . . . .	Stanislaus	32	Santa Clara	15	San Benito	13	San Joaquin	10	Solano	9
Avocados . . . . .	San Diego	68	Ventura	15	Santa Barbara	12	Los Angeles	5	Contra Costa	9
Cherries . . . . .	San Joaquin	73	Santa Clara	14	Contra Costa	1	Sonoma	1	Madera	8
Figs . . . . .	Fresno	66	Madera	18	Merced	15	San Joaquin	11	Fresno	1
Grapes . . . . .	Fresno	37	Tulare	14	Kern	17	Glenn	5	San Joaquin	13
Olives . . . . .	Tulare	43	Tehama	17	Butte	17	Merced	14	Merced	9
Peaches . . . . .	Stanislaus	35	Sutter	15	Fresno	14	Solano	15	Solano	9
Pears . . . . .	Lake	18	Sacramento	18	Mendocino	17	Placer	10	Placer	10
Plums . . . . .	Tulare	45	Fresno	34	Kern	10	Butte	12	Sutter	1
Prunes . . . . .	Sutter	15	Santa Clara	15	Sonoma	15	Yuba	8	Yuba	8

## —noncitrus fruits

# —livestock and livestock products

## RANKINGS AND PERCENTAGES OF STATE TOTAL

Item	RANKINGS AND PERCENTAGES OF STATE TOTAL					Fifth County per cent of total					
	First County	First Per cent	Second County	Second Per cent	Third County	Third Per cent	Fourth County	Fourth Per cent	County	County	Fifth County
Cattle and calves . . . . .	Imperial	11	Tulare	6	Kern	6	Fresno	5	Merced	3	31
Hogs . . . . .	Tulare	22	San Joaquin	11	Merced	6	Fresno	6	Butte	5	50
Sheep and lambs . . . . .	Kern	18	Solano	10	Glenn	8	Tehama	8	Fresno	4	48
Turkeys. . . . .	Fresno	19	Merced	12	Madera	8	Los Angeles	8	Tulare	8	55
Chickens . . . . .	Stanislaus	11	Stanislaus	11	San Diego	5	Riverside	4	Sonoma	4	33
Broilers and fryers . . . . .	Stanislaus	24	Fresno	7	Sonoma	7	San Bernardino	4	Tulare	4	46
Eggs . . . . .	Riverside	17	San Bernardino	15	San Diego	13	Stanislaus	10	San Joaquin	9	64
Milk . . . . .	San Bernardino	16	Tulare	9	Stanislaus	8	Riverside	8	Merced	7	48
Wool . . . . .	Kern	11	Glenn	8	Fresno	7	Solano	7	Tehama	6	39
Apinary*. . . . .	Fresno	16	Merced	13	Imperial	12	Riverside	12	San Bernardino	10	63

\*Includes honey, beeswax and all other apinary products.

## — a summary of value of farm products

Sales	Total value					Per cent, five counties	
	First Sales	First Sales	Second Sales	Third Sales	Fourth Sales		
All farm products . . . . .	Fresno	Kern	Imperial	Tulare	Riverside	3,903,560,191	1,459,121,817
All crops . . . . .	Fresno	Kern	Tulare	Monterey	San Joaquin	2,108,434,602	829,665,588
Fruits and nuts . . . . .	Fresno	Tulare	Ventura	Riverside	San Joaquin	785,829,154	37,3
Vegetables including melons . . . . .	Monterey	Imperial	San Joaquin	Ventura	Fresno	451,519,217	649,413,522
Field crops . . . . .	Fresno	Kern	Imperial	Tulare	Kings	672,518,707	408,986,800
All livestock and livestock products . . . . .	Stanislaus	Stanislaus	Riverside	Merced	Fresno	1,773,120,201	526,607,700
Dairy products . . . . .	San Bernardino	Tulare	Merced	Merced	San Joaquin	401,298,332	630,168,261
Poultry and poultry products . . . . .	San Bernardino	San Bernardino	Tulare	Tulare	Fresno	375,948,304	255,923,400
Livestock and livestock products other than dairy and poultry products . . . . .	Stanislaus	Imperial	Riverside	Kern	Fresno	995,873,565	184,340,137
							36,0



## THE FIVE LEADING PRODUCTS OF EACH COUNTY

Pages 60 and 61 show the major sources of agricultural income in each county.

Each of the five main products of a county is ranked according to its percentage of the total value of farm products sold in the county.

These percentages are then totaled to show what proportion of the county's total value of products sold is represented by the five leading products.

The final figure for each county is the total value of the products it sold.

The data are from the County Agricultural Commissioner's Reports for 1971.

# 26.

## The five leading products—1971

This table ranks the five major products of each California county by value and indicates the importance of each of the five in terms of the county's total value of farm products sold (1971 figures). Cattle and calves are first in 19 counties and vegetables in 11 counties.

County	Rank					Value of products sold							
	First	Second	Third	Fourth	Fifth	Product	Percent	Product	Percent	Product	Percent	Per cent total of five leading products	Total
Alameda	Nursery products	49.2	Vegetables	16.3	Cattle and calves	8.8	Eggs	4.7	Pasture	4.5	83.5	34.248,690	
Alpine	No data available												
Amador	Cattle and calves	61.0	Pasture	13.2	Grapes	6.6	Hay	2.8	Sugar beets	2.5	91.1	6,751,800	
Butte	Rice	22.5	Almonds	16.7	Cattle and calves	12.9	Peaches	6.2	Walnuts	5.0	63.3	62,529,910	
Calaveras	Cattle and calves	54.0	Pasture	26.5	Eggs	5.6	Chickens	5.1	Turkeys	4.1	95.3	6,148,666	
Colusa	Rice	38.6	Cattle and calves	7.8	Sugar beets	7.5	Almonds	7.3	Tomatoes	5.8	67.0	55,237,000	
Contra Costa	Vegetables	32.1	Cattle and calves	17.8	Nursery products	10.3	Walnuts	7.0	Milk	6.1	73.3	32,946,735	
Del Norte	Nursery products	38.0	Cattle and calves	32.5	Milk	20.7	Pasture	3.8	Hay	2.5	97.5	4,935,000	
El Dorado	Cattle and calves	31.8	Pears	17.8	Pasture	14.7	Eggs	8.7	Turkeys	7.1	80.1	7,911,400	
Fresno	Grapes	25.0	Cattle and calves	10.1	Cotton	10.0	Vegetables	9.4	Alfalfa	6.1	60.6	507,930,000	
Glenn	Rice	25.1	Milk	13.1	Cattle and calves	11.1	Alfalfa	7.7	Pasture	5.1	62.1	47,378,780	
Humboldt	Milk	49.2	Cattle and calves	16.0	Pasture	14.9	Potatoes	9.1	Nursery products	4.2	93.2	16,246,630	
Imperial	Cattle and calves	34.9	Vegetables	26.5	Alfalfa	13.4	Sugar beets	9.4	Cotton	4.9	89.1	301,785,000	
Inyo	Cattle and calves	83.6	Milk	8.5	Pasture	3.1					95.2	2,815,261	
Kern	Vegetables	18.3	Cotton	17.2	Grapes	14.6	Cattle and calves	14.5	Alfalfa	9.8	74.4	360,555,980	
Kings	Cotton	20.0	Milk	19.0	Cattle and calves	13.1	Barley	9.0	Alfalfa	7.9	69.0	141,645,260	
Lake	Pears	48.0	Cattle and calves	24.3	Walnuts	12.5	Pasture	6.5	Hay	3.1	94.4	12,991,950	
Lassen	Cattle and calves	59.6	Hay	17.8	Pasture	8.5	Nursery products	4.3	Barley	3.2	93.4	13,874,000	
Los Angeles	Nursery products	36.6	Milk	19.0	Vegetables	8.2	Apples	6.3	Cattle and calves	6.2	76.3	123,205,040	
Madera	Grapes	24.5	Cattle and calves	19.3	Cotton	8.7	Alfalfa	8.3	Milk	8.2	69.0	105,190,000	
Marin	Milk	64.6	Cattle and calves	17.4	Nursery products	3.8	Eggs	3.8	Pasture	3.4	93.0	18,571,200	
Mariposa	Cattle and calves	69.6	Poultry and products	26.4	Milk	1.4	Nursery products	0.4				4,836,876	
Mendocino	Grapes	39.8	Cattle and calves	15.2	Years	14.0	Pasture	8.3	Hay	5.5	82.8	22,009,020	
Merced	Milk	18.3	Cattle and calves	14.2	Vegetables	12.4	Alfalfa	7.2	Broilers, fryers	6.6	58.7	216,355,380	
Modoc	Cattle and calves	44.9	Potatoes	19.8	Alfalfa	13.8	Barley	4.9	Onions	3.1	86.5	29,540,000	
Mono	Cattle and calves	76.8	Pasture										
Monterey	Vegetables	65.5	Cattle and calves	10.6	Strawberries	5.9	Nursery products	4.9	Sugar beets	3.3	90.2	258,656,210	
Napa	Grapes	51.0	Cattle and calves	26.4	Milk	5.4	Sheep	3.9	Eggs	3.6	90.3	33,281,000	
Nevada	Cattle and calves	31.9	Pasture	28.3	Broilers, fryers	25.6	Apples	2.8	Tree and nursery	2.6	91.2	2,312,000	

Riverside	Milk	16.5	Cattle and calves	15.6	Vegetables	12.0	Eggs	11.7	Oranges	11.1	66.9
Sacramento	Cattle and calves	20.2	Milk	11.1	Vegetables	10.5	Corn	9.7	Pears	8.9	60.4
San Benito	Vegetables	38.8	Cattle and calves	16.7	Grapes	7.2	Walnuts	5.3	Apricots	5.0	73.0
San Bernardino	Milk	49.8	Eggs	15.2	Cattle and calves	7.9	Oranges	5.6	Chickens	4.1	82.6
San Diego	Vegetables	21.7	Nursery products	17.7	Eggs	15.8	Avocados	11.8	Milk	11.3	153,062,630
San Francisco	No data available										58.2
San Joaquin	Vegetables	21.9	Grapes	12.0	Milk	11.8	Eggs	6.0	Sugar beets	5.4	57.1
San Luis Obispo	Vegetables	35.4	Cattle and calves	30.4	Barley	4.4	Milk	4.3	Wheat	3.6	272,204,415
San Mateo	Nursery products	73.1	Vegetables	21.8	Cattle and calves	2.6	Pasture	0.8	Oats	0.4	59,464,230
Santa Barbara	Vegetables	32.2	Cattle and calves	20.6	Lemons	8.1	Nursery products	7.7	Avocados	6.4	36,782,805
Santa Clara	Nursery products	28.8	Vegetables	21.7	Milk	8.7	Cattle and calves	6.6	Eggs	5.9	108,081,800
Santa Cruz	Vegetables	34.7	Apples	23.8	Tree and nursery	15.0	Strawberries	12.5	Cattle and calves	3.1	67,402,305
Shasta	Cattle and calves	37.6	Nursery products	16.4	Pasture	16.2	Hay	12.5	Milk	6.0	46,895,000
Sierra	Cattle and calves	57.8	Pasture	17.3	Hay	13.7	Nursery products	8.8		6.0	14,813,000
Siskiyou	Cattle and calves	32.8	Potatoes	13.5	Pasture	13.5	Afalfa	12.2	Barley	9.7	240,8,600
Solano	Vegetables	20.3	Sugar beets	17.7	Cattle and calves	7.3	Corn	5.5	Sheep	6.2	42,064,500
Sonoma	Milk	36.0	Grapes	14.6	Eggs	10.3	Cattle and calves	9.6	Apples	4.6	55.4
Stanislaus	Milk	19.1	Cattle and calves	13.0	Vegetables	9.1	Eggs	7.9	Peaches	5.9	52,561,300
Sutter	Rice	19.0	Peaches	14.5	Vegetables	10.7	Prunes	10.1	Walnuts	6.9	81,867,365
Tehama	Cattle and calves	28.0	Pasture	10.6	Prunes	9.8	Sheep	7.5	Walnuts	4.8	242,741,730
Trinity	Cattle and calves	67.4	Tree and nursery	19.8						7.0	82,209,300
Tulare	Grapes	18.3	Oranges	16.1	Cattle and calves	13.6	Milk	12.0	Cotton	6.5	27,256,300
Tuolumne	Cattle and calves	59.2	Turkeys	22.1	Pasture	12.4	Hogs	1.4	Hay	1.2	433,765
Ventura*	Lemons	28.5	Vegetables	25.8		13.4	Cattle and calves*	6.4	Strawberries	6.3	402,550,000
Yolo	Vegetables	32.6	Afalfa	10.8	Sugar beets	10.6	Rice	7.3	Grain sorghum	80.4	5,343,120
Yuba	Peaches	22.8	Prunes	19.7	Rice	14.2	Cattle and calves	12.2	Pears	4.8	200,195,000
										5.3	93,792,880
										74.2	27,731,300

\*Ventura: Cattle and hogs classified together.

# KEY TO ABBREVIATIONS

CACC:	County Agricultural Commissioner's Crop Report
ERS:	Economic Research Service
SRS:	Statistical Reporting Service
USARS:	United States Agricultural Research Service
USCA:	United States Census of Agriculture
USDA:	United States Department of Agriculture
USDC:	United States Department of Commerce

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